



## City of Las Vegas Department of Field Operations

# Infrastructure 2004: Year End Accomplishments

### Roads:

1,247

Miles of paved and gravel roads the city of Las Vegas currently maintains.

229,652

Street miles swept during 2004.



### Roadway Network:

The City's Pavement Management Section was created in 1987 to manage the service life of the Las Vegas roadways. The Street Rehabilitation Section is responsible for the construction of needed infrastructure repairs.

118

Number of centerline miles of roads receiving preventative maintenance treatments during 2004.

#### 2004 Construction Program

- Asphalt Reconstruction: 291,284 sq yards
- Pavement Surface Treatment: 2,451,942 sq yards
- Pavement Crack Seal: 456,529 lbs
- Asphalt Overlay: 65,723 linear feet
- Concrete Drainage Repairs: 48,557 linear feet



2,650

Number of centerline road miles that have received preventative maintenance applications since 1987.

### Parks:

2

Number of artificial turf soccer fields now in use at city of Las Vegas Ed Fountain Park.

7

Number of artificial turf soccer fields under construction.

60

Number of city-maintained parks today.

1,610

Park acres the city of Las Vegas maintains.

- 900 park acres
- 200 acres surrounding city facilities
- 425 acres of medians/roadway
- 85 acres belonging to Clark County School District



210

New park acres to be completed in the next 12 months.

15 percent

Water savings from January through September 2004, over 2003; with 100 additional irrigated areas this year.

### Flood Control:

90 miles and  
12 detention  
basins

Amount of regional flood control facilities Streets and Sanitation Division crews maintain.



266 miles \_\_\_\_\_ Amount of local drainage facilities city crews maintain.

64,162 \_\_\_\_\_ Number of inlets and walk through drains cleaned.

742 \_\_\_\_\_ Number of sewer main miles cleaned.

27,627 \_\_\_\_\_ Number of linear feet of curb and gutter drainage repairs.

## City Facilities:

Field Operations \_\_\_\_\_ The new 18,000 square-foot Field Operations Center at the  
Center \_\_\_\_\_ city of Las Vegas West Service Center opened in February  
2004.

171 \_\_\_\_\_ Number of city-owned or leased facilities; totaling over 2.4  
million square feet of building space.

6,100 \_\_\_\_\_ Facilities Maintenance service requests completed in 2004.

115 \_\_\_\_\_ Remodeling projects completed, totaling more than \$900,000.

## Vehicle Fleet:

87 percent \_\_\_\_\_ City vehicles and off-road equipment operating on some type  
of federally and state of Nevada approved alternative fuel. A  
total of 1,095 vehicles and equipment operate on some type  
of alternative fuel, as of October 31, 2004.

## Fuel Usage:

131,982 gas gallon equivalents (GGE) of Compressed  
Natural Gas

215,757 gallons of Biodiesel (b20) Blend

603,444 gallons of Reformulated Gasoline (RFG)

106,532 gallons of Standard Type 2 diesel fuel

## Awards, Recognition:

As part of the Department of Field Operations energy conservation program, crews installed light sensors in city offices, meeting rooms, community centers, and other areas, to automatically shut lights off when no movement is detected. Crews also retrofitted lights and ballasts with more energy-efficient units throughout city facilities, ball fields, fire stations and other locations.

The Southern Nevada Water Authority recognized the Field Operations Department for water conservation. More than 90 percent of the city's parks and open spaces are now on a computerized dial-up irrigation system that has increased watering efficiency and decreased labor usage.

The Las Vegas Valley Water District recognized the Durango Hills Golf Club as one of the three highest rated courses in the category of the greatest change (savings), from last year to this year, in the acre feet of water used per acre of golf course. Durango Hills had a fifteen percent (15%) savings.

For the twelfth year, the National Arbor Day Foundation has recognized the City of Las Vegas as a Tree City USA.

Frank Wright Plaza was designed as the "Best City Investment" in the December 2003 issue of Las Vegas Life magazine.